

***Ameletus browni* (A Mayfly)****Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Ephemeroptera* (Mayflies)**Family:** *Ameletidae* (Combmouthed Minnow Mayflies)**General comments:**

currently known from 7 sites (5 in Baxter SP), despite some recent survey effort; restricted to cold, high elevation, 1st order streams in undisturbed habitat; only other New England records are from similar habitats in VT, NH; early spring emergence may influence low frequency of collection?

**Species Conservation Range Maps for A Mayfly:**Town Map: [Ameletus browni Towns.pdf](#)Subwatershed Map: [Ameletus browni HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern:***Ameletus browni* is listed as a species of Special Concern in Maine.**Recent Significant Declines: NA****Regional Endemic: NA****High Regional Conservation Priority: NA****High Climate Change Vulnerability: NA****Understudied rare taxa:**

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. \*criteria only qualifies for Priority 3 level SGCN\*

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**Historical: NA****Culturally Significant: NA****Habitats Assigned to A Mayfly:**

Formation Name	Boreal Upland Forest	
Macrogroup Name	Boreal Upland Forest	
Habitat System Name:	Acadian Low Elevation Spruce-Fir-Hardwood Forest	Notes: secondary (riparian only)
Habitat System Name:	Acadian-Appalachian Montane Spr-Fir-Hwd Forest	Notes: secondary (riparian only)
Formation Name	Freshwater Aquatic	
Macrogroup Name	Rivers and Streams	
Habitat System Name:	Headwaters and Creeks	<b>**Primary Habitat**</b>
Formation Name	Northeastern Upland Forest	
Macrogroup Name	Northern Hardwood & Conifer	
Habitat System Name:	Laurentian-Acadian Northern Hardwoods Forest	Notes: secondary (riparian only)

**Stressors Assigned to A Mayfly:**

No Stressors Currently Assigned to A Mayfly or other Priority 3 SGCN.

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No Species Specific Conservation Actions Currently Assigned to A Mayfly or other Priority 3 SGCN.

**Guild Level Conservation Actions:**

This Species is currently not attributed to a guild.

**Broad Taxonomic Group Conservation Actions:**

Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

**Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*